

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

May

2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

June 12, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Scattered thunderstorms and showers during May brought valuable moisture to areas across the Big Country, Southern Heartland and Northwest Hill Country. During the middle of May (13-15), severe weather accompanied by isolated areas of heavy rainfall moved across the Concho Valley into the Heartland and Northwest Hill Country. Along U.S. Highway 87 from about Eden to east of Brady, over three inches of rain accompanied large hail and damaging winds. While the moisture was needed across this area, the damage to existing wheat crops was devastating to many farmers. Later in the month (25-28), periods of thunderstorm activity generated heavy rain across the Big Country and northern Concho Valley. Areas in Coke, Nolan, Taylor, Jones and Throckmorton Counties received over three inches of rain.

Much of the Northern Edwards Plateau and western Concho Valley received less than half of an inch of rain during the month. These areas are drying quickly as temperatures averaged above normal for the month. In San Angelo, maximum temperatures reached the upper nineties for thirteen days during the month (six days recorded maximum temperatures above 100 degrees).

The average precipitation reported from coop observers in May was 2.21 inches. The highest monthly precipitation total of 6.58 inches was reported in Jones County. Coop observers in Concho, Jones, McCulloch, San Saba, Shackelford, Taylor and Throckmorton Counties received over 3.00 inches of precipitation in May.

The San Angelo Regional Airport received 1.01 inches of precipitation during May, which was 2.08 inches below normal for the month. The monthly normal rainfall for San Angelo in May is 3.09 inches.

The Abilene Regional Airport received 2.40 inches of precipitation during May, which was 0.43 of an inch below normal for the month. The monthly normal rainfall for Abilene in May is 2.83 inches.

Junction received 0.42 of an inch of rain during May. The estimated average monthly rainfall in May is about 3.25 to 3.50 inches.

Coop Observer Rainfall Totals for May, 2008:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	3.12		Merkel 12SW	3.71
Acton Ranch	0.73		Ozona	0.00
Albany	1.88		Ozona 22SE	0.46
Anson	4.71		Paint Rock	0.38
Ballinger 2NW	0.46		Putnam	1.88
Brady	3.34		Red Bluff Crossing	3.31
Brownwood	1.33		Robert Lee	2.54
Burkett	0.56		Roscoe	2.96
Coleman	0.64		Rotan	4.09
Concho Park	T		San Angelo WFO	1.19
Eden	4.16		San Saba 7NW	3.88
Eldorado	0.23		Silver Valley	0.96
Eldorado 10W	0.11		Sonora	0.74
Fort Griffin	3.69		Stamford	4.30
Fort McKavett	1.10		Sterling City	0.71
Glen Cove 2NE	0.97		Taylor Ranch	3.74
Hamlin	6.58		Telegraph	1.54
Haskell	2.65		Throckmorton 7NE	5.71
Hords Creek	0.86		Water Valley	1.27
Humble Pump	0.68		Water Valley 11NE	2.33
Junction 4SSW	1.73		Winters	1.67
Lawn	0.97		Woodson	5.80
London 3N	2.69			
Mason	2.72		(M) <i>Missing data</i>	
Menard	2.61		(T) <i>Trace</i>	

Reservoir Conditions (end of May, 2008)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	69,140	99
Lake Stamford	52,700	44,950	87
Hubbard Creek Lake	317,800	315,020	99
Hords Creek Lake	8,800	6,690	82
Lake Brownwood	131,428	117,800	90
E.V. Spence	488,760	67,350	13
O.C. Fisher	119,200	8,950	8
O.H. Ivie	554,340	366,900	66
Twin Buttes	177,800	82,720	47

Hydro Products Issued

FFW = 3

FFS = 1

FLS = 9 (Urban/Small Stream Advisory)

ESF = 1 (Hydrologic Outlook – Drought Statement)

PNS = 1 (Drought Statement)